

b1
cont.

6 generating a graphic representation of the plurality of data
7 values; and
8 displaying the graphic representation to a user.

b2

1 7. (Twice Amended) An article of manufacture comprising
2 a computer usable medium having computer readable program code means
3 embodied therein for visualizing data provided in the form of a geometric
4 representation, the computer readable program code means in said article of
5 manufacture comprising computer readable program code means for causing
6 a computer to effect:

7 extracting a plurality of data values associated with a
8 mathematical matrix to generate the geometric representation;

9 generating a graphic representation of the plurality of data
10 values; and

11 displaying the graphic representation to a user.

1 11. (Twice Amended) A computer program product
2 comprising a computer usable medium having computer readable program
3 code means embodied therein for causing visualization of data provided in
4 the form of a geometric representation, the computer readable program code
5 means in said computer program product comprising computer readable
6 program code means for causing a computer to effect:

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7 extracting a plurality of data values associated with a
8 mathematical matrix to generate the geometric representation;

9 generating a graphic representation of the plurality of data
10 values; and

11 displaying the graphic representation to a user.

1 15. (Twice Amended) A storage device readable by a
2 computation machine, tangibly embodying a program of instructions
3 executable by the machine to perform a method for visualizing data provided
4 in the form of a geometric representation, said method comprising the steps
5 of:

b4 6 extracting a plurality of data values associated with a
7 mathematical matrix to generate the geometric representation;

8 generating a graphic representation of the plurality of data
9 values; and

10 displaying the graphic representation to a user.